

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	glass and etch\$ and (hydrosilicofluoric or silicofluoric) and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/19 14:50
L2	497	glass and etch\$ and (hydrofluoric with sulfuric with hydrochloric with nitric)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:59
L3	23	I2 and "magnetic recording"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:00
L4	21	I1 and "magnetic recording"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:00
L5	15	I3 not I4	US-PGPUB; USPAT	OR	ON	2006/12/19 15:00
S1	50	("5368921" "4343875" "5814255" "4579107" "4622058" "4632877" "4882212" "4956227" "5024883" "5192622" "5232962" "5296833" "5298332" "5309471" "5336357" "5441803" "5698725" "5739888" "5939343" "6057037" "6159385" "4266089" "4277522" "4302706" "4365021" "4368221" "4372987" "4446191" "4511601" "4535026" "4584245" "4761518" "4861689" "5204289" "5209798" "5250360" "5273834" "5283104" "5337475" "5391604" "5421979" "5431964" "5464657" "5514451" "5533158" "5557120" "5680185" "5733370" "5763059" "5780162" ).pn.	US-PGPUB; USPAT	OR	OFF	2006/11/27 19:15
S2	6685	"501"/\$.cior.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:03
S3	1	"20040265643"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:39
S4	1	"7097924"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:49
S5	1	"20050089725"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:49
S6	5	("5391622", "6162751", "6440531", "6387510", "20020010066").pn.	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:33

## EAST Search History

S7	8	("5368921" "4343875" "5814255" "4579107" "4622058" "4632877" "4882212" "4956227" "5024883" "5192622" "5232962" "5296833" "5298332" "5309471" "5336357" "5441803" "5698725" "5739888" "5939343" "6057037" "6159385" "4266089" "4277522" "4302706" "4365021" "4368221" "4372987" "4446191" "4511601" "4535026" "4584245" "4761518" "4861689" "5204289" "5209798" "5250360" "5273834" "5283104" "5337475" "5391604" "5421979" "5431964" "5464657" "5514451" "5533158" "5557120" "5680185" "5733370" "5763059" "5780162" ).pn. and "glass transition"	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:46
S8	375	glass and ("SiO.sub.2") and ("Al.sub. 2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K. sub.2O") and ("Li.sub.2O") and ("Na. sub.2O") and ("ZrO.sub.2") and ("TiO. sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/14 12:58
S9	159	S8 and (("SiO.sub.2") same ("Al.sub. 2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub. 2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:49
S10	85	S9 and (("SiO.sub.2") with ("Al.sub. 2O.sub.3") with (CaO) with (BaO) with (MgO) with (SrO) with (ZnO) with ("K. sub.2O") with ("Li.sub.2O") with ("Na. sub.2O") with ("ZrO.sub.2") with ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:50
S11	54	S10 and ("428"/\$ or "501"/\$ or "65"/\$)	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:52
S12	1	"20050162956"	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:53
S13	16	S11 and (ikensishi or zou)	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:53
S14	16	S11 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S15	1	S12 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S16	19	S10 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S17	3	S16 not S13	US-PGPUB; USPAT	OR	ON	2006/11/24 14:07

## EAST Search History

S18	2	(zou and hashimoto).inv.	US-PGPUB; USPAT	OR	OFF	2006/11/27 19:15
S19	378	glass and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K.sub.2O") and ("Li.sub.2O") and ("Na.sub.2O") and ("ZrO.sub.2") and ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/04 17:26
S20	161	S19 and (("SiO.sub.2") same ("Al.sub.2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub.2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:17
S21	87	S20 and (("SiO.sub.2") with ("Al.sub.2O.sub.3") with (CaO) with (BaO) with (MgO) with (SrO) with (ZnO) with ("K.sub.2O") with ("Li.sub.2O") with ("Na.sub.2O") with ("ZrO.sub.2") with ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/12/04 17:26
S22	19	S21 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/12/04 17:26
S23	1112	(glass same "etch rate")	US-PGPUB; USPAT	OR	OFF	2006/12/14 12:56
S24	1340	(glass same "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/14 12:56
S25	439	S24 and (glass with "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/14 12:56
S26	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K.sub.2O") and ("Li.sub.2O") and ("Na.sub.2O") and ("ZrO.sub.2") and ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/14 12:59
S27	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and ("K.sub.2O") and ("Na.sub.2O")	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:00
S28	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and ("Na.sub.2O")	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:01
S29	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:01
S30	6	S25 and ("SiO.sub.2") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:03
S31	15	S24 and ("SiO.sub.2") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:03
S32	9	S31 not S30	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:10

## EAST Search History

S33	4	(S31 or S30) and ("etch rate" same nm)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:11
S34	89	("Tg" or "glass transition") and (("SiO.sub.2") same ("Al.sub.2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub.2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:18
S35	18	S34 and (("Tg" or "glass transition") same "600")	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:24
S36	7	S35 and magnetic	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:20
S37	11	S35 not S36	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:24
S38	88	"magnetic recording" and (("Tg" or "glass transition") same "600")	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:25
S39	85	S38 not S35	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:31
S40	1	"20020023463"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:47
S41	1	"20060255055"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:50
S42	1	"20060264571"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:55
S43	1	"20060243197"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:56
S44	1	"20060243198"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:57
S45	1	"20060248619"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:57
S46	0	"638510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:23
S47	1	"6387510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:25
S48	1	"20060216552".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:25
S49	28	(glass same etch\$) and hydrosilicofluoric and (etch\$ and (smoothness or smooth or flat or flatness))	US-PGPUB; USPAT	OR	ON	2006/12/15 14:22
S50	4	(glass same etch\$) and hydrosilicofluoric and ("Tg" or "glass transition temperature")	US-PGPUB; USPAT	OR	ON	2006/12/15 14:25

## EAST Search History

S51	7	glass and etch\$ and hydrosilicofluoric and ("Tg" or "glass transition temperature")	US-PGPUB; USPAT	OR	ON	2006/12/15 16:02
S52	72	glass and etch\$ and (("Tg" or "glass transition temperature") same "600") and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/15 15:59
S53	2	("5499731", "5895582").pn. and etch\$	US-PGPUB; USPAT	OR	ON	2006/12/15 16:00
S54	0	("5499731", "5895582").pn. and hydrosilicofluoric	US-PGPUB; USPAT	OR	ON	2006/12/15 16:00
S55	19	glass and etch\$ and hydrosilicofluoric and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/19 14:48
S56	7	S55 and ("etching rate" or "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/15 16:17
S57	0	"10164363"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:53
S58	1	"20030228315"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:54
S59	5352	antibodies and ATPase	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:00
S60	2832	S59 and heart	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:55
S61	899	S59 AND "heart disease"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:57
S62	94	S61 and (antibodies same ATPase)	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:24
S63	1	"4581270".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/18 19:10
S64	1	"6387510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/18 19:10